

## Author Index

Abdouli, H. (Mateur, Tunisia), Khorchani, T. (Médenine, Tunisia) and Nefzaoui, A. (Ariana, Tunisia)  
Nutrition of the one-humped camel. I. Faecal index determination and chromic oxide excretion pattern and recovery ..... 293

Abdouli, H., *see* Khorchani, T. et al.

Åman, P., *see* Löwgren, W. et al.

Ammerman, C.B., *see* Van Ravenswaay, R.O. et al.

Andriguetto, I., Cozzi, G., Guidetti, G. (Padova, Italy), Gruber, L., Uray, G. and Buchgraber, K. (Gumpenstein, Austria)  
Prediction of digestible organic matter in dry matter in vivo from the chemical composition, in vitro and in situ measurements on native mountain forages ..... 323

Antoniewicz, A.M., Kosmala, I. (Kraków, Poland), Van Vuuren, A.M. and Van der Koelen, C.J. (Lelystad, Netherlands)  
Intestinal digestibility of rumen undegraded protein of formaldehyde-treated feedstuffs measured by mobile bag and in vitro technique ..... 111

Assoumani, M.B., Vedreau, F., Jacquot, L. (Athis-Mons, France) and Sniffen, C.J. (East Lansing, MI, USA)  
Refinement of an enzymatic method for estimating the theoretical degradability of proteins in feedstuffs for ruminants ..... 357

Aumont, G., *see* Salas, M. et al.

Axtell, J.D., *see* Cherney, D.J.R. et al.

Balcells, J., *see* Gasa, J. et al.

Baldeweg, P., *see* Flachowsky, G. et al.

Baudart, E., *see* Mathot, P. et al.

Biessy, G., *see* Salas, M. et al.

Boon, J.J., *see* Mulder, M.M. et al.

Brakel, J., *see* Mathot, P. et al.

Buchgraber, K., *see* Andriguetto, I. et al.

Calsamiglia, S., Stern, M.D. and Crooker, B.A. (St. Paul, MN, USA)  
Effects of diets formulated to contain different amounts of rumen non-degradable protein on microbial fermentation and nutrient flow from a continuous culture system ..... 239

Carabaño, M.-J., *see* Wiseman, J. et al.

Carabaño, R.M., *see* Wiseman, J. et al.

Carmean, B.R., *see* Kung Jr., L. et al.

Castrillo, C., *see* Gasa, J. et al.

Cherney, D.J.R., Cherney, J.H., Patterson, J.A. and Axtell, J.D. (West Lafayette, IN, USA)  
In vitro ruminal fiber digestion as influenced by phenolic-carbohydrate complexes released from sorghum cell walls ..... 79

Cherney, J.H., *see* Cherney, D.J.R. et al.

Chesson, A., *see* Garrido, A. et al.

Conrad, H.R., *see* Weiss, W.P. et al.

Cozzi, G., *see* Andriguetto, I. et al.

Crooker, B.A., *see* Calsamiglia, S. et al.

Culot, M., <i>see</i> Leterme, P. et al.	
Debevere, C., <i>see</i> Mathot, P. et al.	
DePeters, E.J. and Zinn, R.A. (Davis, CA, USA)	
Tapioca pellets as a partial replacement for maize in the diet of lactating dairy cows .....	125
De Blas, C., <i>see</i> Wiseman, J. et al.	
De Blas, C., Fraga, M.-J., Villamide, M.-J. (Madrid, Spain) and Wiseman, J. (Loughborough, UK)	
Prediction of the digestible energy and digestibility of gross energy of feeds for rabbits	
2. Mixed diets .....	39
Engels, F.M., <i>see</i> Mulder, M.M. et al.	
Flachowsky, G., Baldeweg, P. and Schein, G. (Jena, Germany)	
A note on the in sacco dry matter degradability of variously processed maize grains and of different maize varieties in sheep .....	173
Fraga, M.-J., <i>see</i> De Blas, C. et al.	
Garrido, A., Gómez-Cabrera, A. (Cordoba, Spain), Gordon, A.H., Chesson, A. and Murray, I. (Aberdeen, UK)	
Analysis of phenolic compounds in relation to the prediction of digestibility and toxicity of ammonia-treated cereal straws .....	313
Gasa, J., Castrillo, C., Guada, J.A. and Balcells, J. (Zaragoza, Spain)	
Rumen digestion of ensiled apple pomace in sheep: effect of proportion in diet and source of nitrogen supplementation .....	193
Givens, D.I., <i>see</i> Moss, A.R. et al.	
Gómez-Cabrera, A., <i>see</i> Garrido, A. et al.	
Gordon, A.H., <i>see</i> Garrido, A. et al.	
Graham, H., <i>see</i> Löwgren, W. et al.	
Gruber, L., <i>see</i> Andriguetto, I. et al.	
Guada, J.A., <i>see</i> Gasa, J. et al.	
Guidetti, G., <i>see</i> Andriguetto, I. et al.	
Hamadi, M., <i>see</i> Khorchani, T. et al.	
Henry, P.R., <i>see</i> Van Ravenswaay, R.O. et al.	
Howlader, M.A.R. and Rose, S.P. (Aberdeen, UK)	
The response of growing male and female broiler chickens kept at different temperatures to dietary energy concentration and feed form .....	71
Jacquot, L., <i>see</i> Assoumani, M.B. et al.	
Khorchani, T., <i>see</i> Abdouli, H. et al.	
Khorchani, T., Neffati, M., Hamadi, M. (Médenine, Tunisia), Abdouli, H. (Mateur, Tunisia) and Nefzaoui, A. (Ariana, Tunisia)	
Nutrition of the one-humped camel. II. Intake and feeding behaviour on arid ranges in southern Tunisia .....	303
Kitchenside, M.A., <i>see</i> Waters, C.J. et al.	
Kondo, T., Ohshita, T. and Kyuma, T. (Morioka, Japan)	
Comparison of characteristics of soluble lignins from untreated and ammonia-treated straw .....	253
Kosmala, I., <i>see</i> Antoniewicz, A.M. et al.	
Kotarbinska, M., <i>see</i> Löwgren, W. et al.	
Kung Jr., L., Tung, R.S. and Carmean, B.R. (Newark, DE, USA)	
Rumen fermentation and nutrient digestion in cattle fed diets varying in forage and energy source .....	1
Kyuma, T., <i>see</i> Kondo, T. et al.	
Lenssen, A.W., Sorensen, E.L., Posler, G.L. and Stuteville, D.L. (Manhattan, KS, USA)	
Forage quality of alfalfa protected by resistance to bacterial leaf spot .....	61

Leterme, P., Théwis, A. and Culot, M. (Gembloix, Belgium)  
 Supplementation of pressed sugar-beet pulp silage with molasses and urea, laying hen  
 excreta or soybean meal in ruminant nutrition ..... 209

Littell, R.C., *see* Van Ravenswaay, R.O. et al.

Löwgren, W., Graham, H., Åman, P. (Uppsala, Sweden), Raj, S. and Kotarbinska, M.  
 (Warszawy, Poland)  
 Predicting the energy value of pig feeds using *in vitro* or analytical methods ..... 183

Magnie, E., *see* Salas, M. et al.

Mathot, P., Debevere, C., Walhain, P., Baudart, E., Théwis, A. and Brakel, J. (Gembloix,  
 Belgium)  
 Composition and nutritive value for rats of *Aspergillus niger* solid fermented barley ..... 227

Moss, A.R., Givens, D.I. (Stratford upon Avon, UK) and Phipps, R.H. (Reading, UK)  
 Digestibility and energy value of combinations of forage mixtures ..... 151

Mulder, M.M., Boon, J.J. (Amsterdam, Netherlands), Engels, F.M. and Schuurmans,  
 J.L.L. (Wageningen, Netherlands)  
 In vitro digested and potassium permanganate delignified maize internode sections  
 studied by histochemistry and analytical pyrolysis mass spectrometry ..... 335

Murray, I., *see* Garrido, A. et al.

Neffati, M., *see* Khorchani, T. et al.

Nefzaoui, A., *see* Abdouli, H. et al.

Nefzaoui, A., *see* Khorchani, T. et al.

Ohshita, T., *see* Kondo, T. et al.

Patterson, J.A., *see* Cherney, D.J.R. et al.

Phipps, R.H., *see* Moss, A.R. et al.

Posler, G.L., *see* Lenssen, A.W. et al.

Raj, S., *see* Löwgren, W. et al.

Rose, S.P., *see* Howlader, M.A.R. and Rose, S.P.

Salas, M., Aumont, G., Biessy, G. (Pointe à Pitre, Guadeloupe (F.W.I.)) and Magnie, E.  
 (Basse Terre, Guadeloupe (F.W.I.))  
 Effect of variety, stage of maturity and nitrate fertilization on nutritive values of sugar  
 canes ..... 265

Schein, G., *see* Flachowsky, G. et al.

Schuurmans, J.L.L., *see* Mulder, M.M. et al.

Sniffen, C.J., *see* Assoumani, M.B. et al.

Sorensen, E.L., *see* Lenssen, A.W. et al.

St. Pierre, N.R., *see* Weiss, W.P. et al.

Stern, M.D., *see* Calsamiglia, S. et al.

Stuterville, D.L., *see* Lenssen, A.W. et al.

Takahashi, J. and Young, B.A. (Edmonton, Alta., Canada)  
 The modulation of nitrate-enhanced hypothermia by sulphur compounds in cold-  
 exposed sheep ..... 347

Théwis, A., *see* Leterme, P. et al.

Théwis, A., *see* Mathot, P. et al.

Tung, R.S., *see* Kung Jr., L. et al.

Udén, P. (Uppsala, Sweden)  
 Simulation of feed particle sedimentation in the reticulum as affected by hydration and  
 fermentation ..... 135

Uray, G., *see* Andriguetto, I. et al.

Vedeau, F., *see* Assoumani, M.B. et al.

Villamide, M.-J., *see* Wiseman, J. et al.

Villamide, M.-J., *see* De Blas, C. et al.

Van der Koelen, C.J., <i>see</i> Antoniewicz, A.M. et al.	
Van Ravenswaay, R.O., Henry, P.R., Ammerman, C.B. and Littell, R.C. (Gainesville, FL, USA)	
Relative bioavailability of magnesium sources for ruminants as measured by urinary magnesium excretion .....	13
Van Vuuren, A.M., <i>see</i> Antoniewicz, A.M. et al.	
Walhain, P., <i>see</i> Mathot, P. et al.	
Waters, C.J. (Exeter, UK), Kitchenside, M.A. and Webster, A.J.F. (Bristol, UK)	
Problems associated with estimating the digestibility of undegraded dietary nitrogen from acid detergent insoluble nitrogen .....	279
Webster, A.J.F., <i>see</i> Waters, C.J. et al.	
Weiss, W.P., Conrad, H.R. (Wooster, OH, USA) and St. Pierre, N.R. (Easton, MD, USA)	
A theoretically-based model for predicting total digestible nutrient values of forages and concentrates .....	95
Wiseman, J. (Loughborough, UK), Villamide, M.-J., De Blas, C., Carabaño, M.-J. and Carabaño, R.M. (Madrid, Spain)	
Prediction of the digestible energy and digestibility of gross energy of feeds for rabbits. 1. Individual classes of feeds .....	27
Wiseman, J., <i>see</i> De Blas, C. et al.	
Young, B.A., <i>see</i> Takahashi, J. and Young, B.A.	
Zinn, R.A., <i>see</i> DePeters, E.J. and Zinn, R.A.	

